

Transdisciplinary Theme Where We Are in Place and Time

Central Idea

People have devised ways to make sense of the earth and its environments.

Lines of Inquiry

Positions and places on earth
Effects of the earth's rotation
The development of tools used to make sense of the earth.

Learner profile

Thinker
Reflective

Unit dates:

9th September—
18th October

Teacher Questions

How do you find a particular place on earth?
What is affected by the earth's rotation?
How have tools changed over time to make sense of the earth?

Attitude focus

Creativity
Cooperation

Skills outline

Students will be **thinking** about how the rotation and tilt of the earth affect time, seasons and climate of a particular place. The above, in turn, determines the environments and population distribution. As their summative assessment is an individual assignment, students will need to work independently making sure they complete tasks given in the allotted time. This develops their **self management** skills.

Music

Students will explore sound sources and use these to mimic the weather. They will listen to Baroque Period music and identify its elements. Students will also sing songs from various cultures.

French

Students will learn and expand upon vocabulary about where they live, climate and seasons. They will review the terminology for school supplies and rules. Students will also learn about giving directions by studying and creating maps.

Arabic

Grade 5 will learn how to locate places on the earth and discuss the effects of the earth's rotation. The students will follow the weather forecast in Qatar for 1 week and compare this to the weather from their home country. They will listen to a story, answer questions and perform role playing activities related to it.

Key Concepts

form, change, causation

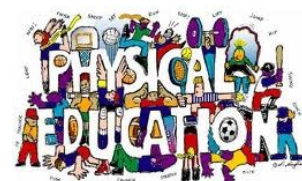
P.E.

Students will complete the first unit on Indoor Athletics. Students will complete a variety of throwing, jumping and running events including:

Standing Long Jump
Standing Triple Jump
Soft Javelin
Target Throw
Chest Push
Hi-Stepper
Speed Bounce
Shuttle Runs



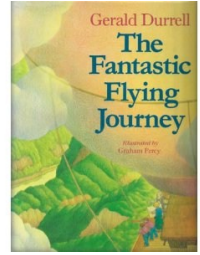
Students will record their scores for each event on the Agility Challenge scorecard. Over the remaining lessons, students will work individually and in groups to practice the techniques required for each event. Students will also learn the rules and regulations for events and will have the opportunity to act in roles such as 'coaches' and 'officials' during lessons to improve their understanding of each activity.



Learning Engagements

Language Integration

- The focus writing forms for this unit are: writing to instruct (writing directions), writing to inform (writing a report about the student's home country) and writing to entertain (poetry).
- For their summative assessment, students will independently create a topographical map of a fictitious country. Along with this, they will need to write a report explaining the criteria given to them on a checklist.
- We will travel around the world as we explore Gerald Durrell's "*The Fantastic Flying Journey*" with Great Uncle Lancelot, Emma, Conrad and Ivan.



Maths Integration

- Students will need to apply their knowledge of the Earth's rotation by writing the different time zones and seasons for four different locations.
- They will go on a scavenger hunt to practice the cardinal points.
- They will learn to plot co-ordinates and apply this knowledge to create a picture of George Washington.



Art Integration

- Students will create clocks in the shape of their home country. These clocks will display the different time zones around the world.
- They will look at artists such as Ilana Yahav who create their works using natural materials. Students will design a work of their own using sand.

Unit Vocabulary

Please have a look at the vocabulary below and discuss it with your child. You may do this in whatever language you like in order to facilitate better understanding.

longitude

latitude

topography

temperature

equator

axis

meridian

continent

direction

compass

Antarctica

environment



How parents can help

Explore atlases and online maps with your child and discuss their purposes and features. Have them practice what they are learning by using the technical vocabulary related to this unit of inquiry (north, south, longitude, equator etc.).